

Daily Report 260/2019

2 November 2019¹

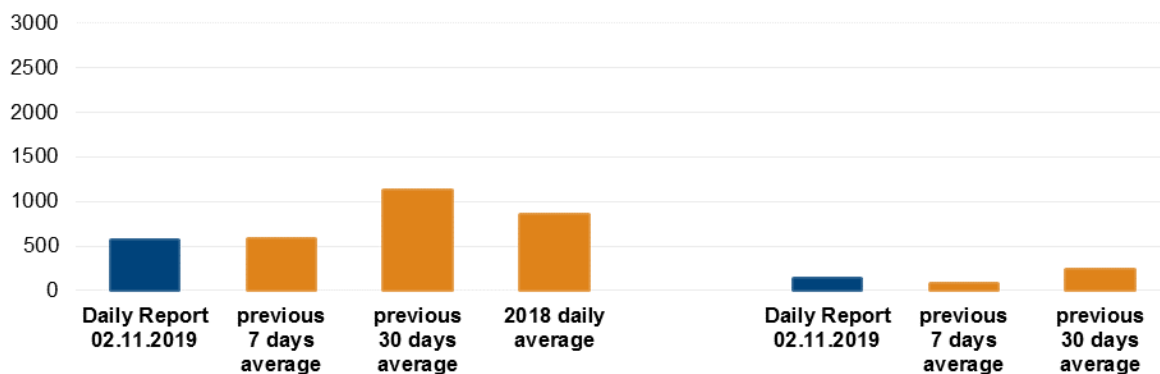
Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in both Donetsk and Luhansk regions.
- A boy was injured due to small-arms fire in Zolote-5/Mykhailivka.
- The SMM saw damage to a house in Oleksandrivka.
- The Mission observed further withdrawal of forces and hardware from the Zolote disengagement area.
- Inside the Stanytsia Luhanska disengagement area, it continued to observe construction works at the broken section of the bridge.
- The SMM observed 12 weapons in violation of withdrawal lines on both sides of the contact line.
- The SMM monitored adherence to the ceasefire to facilitate the operation of critical civilian infrastructure.
- Restrictions of the SMM's freedom of movement continued, including at checkpoints near non-government-controlled Bezimenne and Boikivske.*

Ceasefire violations²

Number of recorded ceasefire violations

Number of recorded explosions



¹ Based on information from the Monitoring Teams as of 19:30, 1 November 2019. All times are in Eastern European Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM cameras in Shyrokyne and Stanytsia Luhanska were not operational.

³ Including explosions.

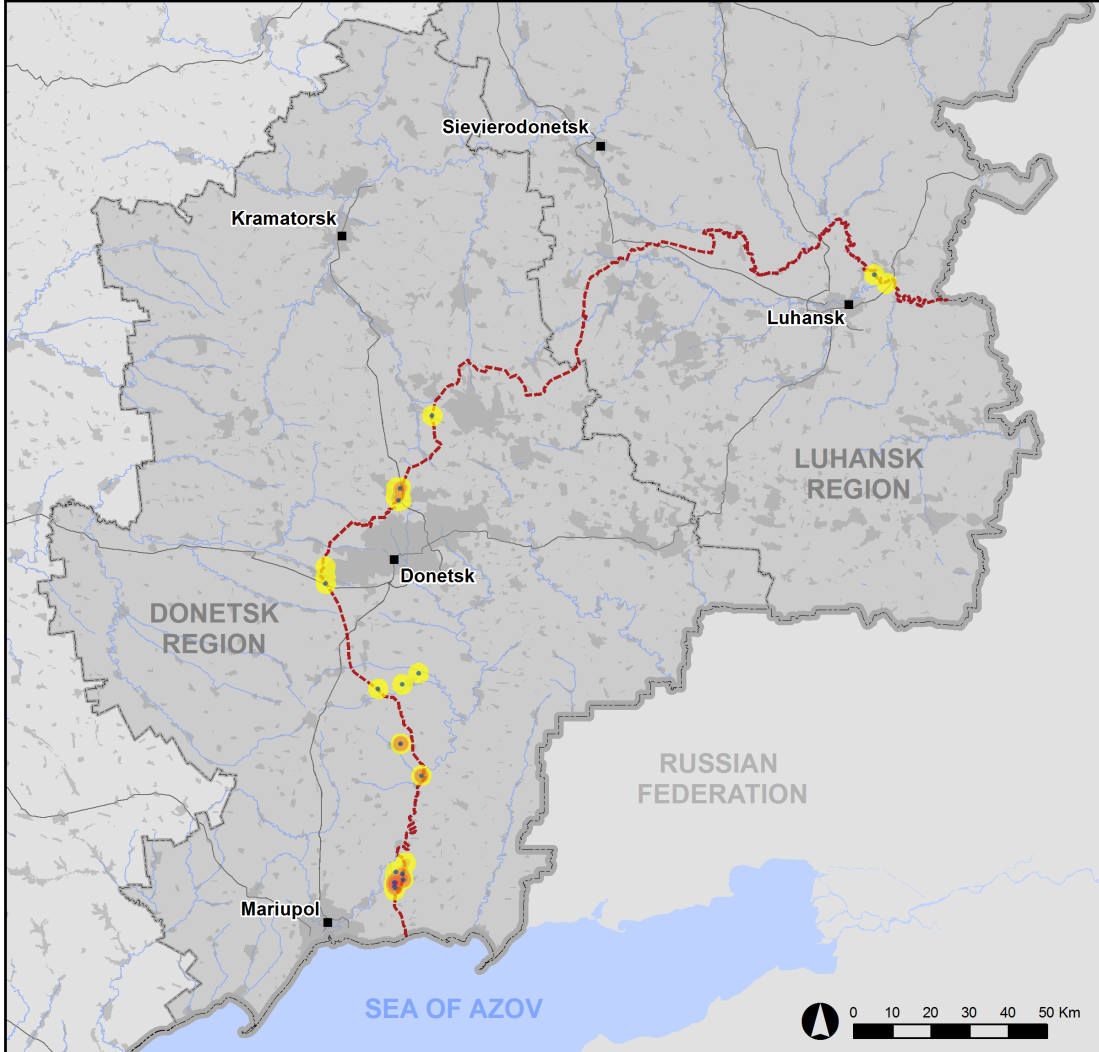
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations



Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 1 November 2019



Ceasefire violation concentration

- High
-
- Low

- Explosion
- Settlement

- Estimated line of contact

Sources: Administrative Boundaries - OCHA; Roads, Rivers - OpenStreetMap; Sea - VLIZ (2005). IHO Sea Areas; Other - OSCE.

Coordinate System: WGS 1984 UTM Zone 37N

This map is provided for illustrative purposes only. Its content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM.

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Created: 02/11/2019

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 130), compared with the [previous reporting period](#) (about 40 explosions). More than half of the ceasefire violations were recorded in areas south of Pyshevyk (government-controlled, 84km south of Donetsk) and east-north-east and east of Hnutove (government-controlled, 90km south of Donetsk)

In Luhansk region, the Mission recorded more ceasefire violations, two explosions, compared with the [previous reporting period](#) (no explosions). Both ceasefire violations were recorded close to the disengagement area near Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) (see below).

Boy injured due to small-arms fire in Zolote-5/Mykhailivka

On 1 November, the SMM followed up on reports of a boy (aged 16) injured due to small-arms fire in Zolote-5/Mykhailivka (non-government-controlled, 61km north-west of Luhansk) on 21 September 2019. At a hospital in Pervomaisk (non-government-controlled, 58km west of Luhansk), medical staff told the SMM that a boy had been admitted to the hospital and underwent surgery due to a small-arms fire injury to his ribs on the evening of 21 September 2019. According to medical staff, the boy was also provided with psychological treatment at the hospital. On 1 October 2019, the mother of the boy (aged 40) and five neighbours (aged 55-65) had told the SMM that the boy had been injured in front of a coffee shop on Voikova Street by small-arms fire after festivities celebrating the village's Day.

Damage to a house in Oleksandrivka

At 206 Shevchenka Street in Oleksandrivka (non-government-controlled, 20km south-west of Donetsk), a settlement located less than 1.5km from the contact line, the SMM saw four windows (two in the north-facing- and two in the west-facing wall) with no glass and covered by plastic sheets, as well as shrapnel holes in the same outer walls of a single-storey house. In the yard of the house, the SMM saw a hole in the south-east facing side of a steel water tank lying on the ground. The Mission assessed the damage as recent and caused by an undetermined weapon system fired from a north-westerly direction. A woman (aged 30-40), who introduced herself as the owner of the house, told the SMM that she was not in the house when the damaged occurred (for previous observations in the area, see [SMM Daily Report 19 October 2019](#)).

Disengagement process at the Zolote disengagement area⁵

On 1 November, the SMM continued to observe withdrawal of forces and hardware from the **disengagement area near Zolote** (government-controlled, 60km west of Luhansk) (see [SMM Spot Report 29 October 2019](#)).

In the morning of 1 November, positioned on the northern edge of the disengagement area, near the junction with the road leading to Katerynivka (government-controlled, 64km west of Luhansk), the SMM saw two cars, one with Joint Centre for Control and Co-ordination (JCCC) written on it and one civilian vehicle, respectively carrying three Ukrainian Armed Forces officers of the JCCC and two people (wearing yellow vests with reflective stripes),

⁵ Disengagement is foreseen in the [Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware](#) of 21 September 2016.

enter the disengagement area on road T-1316 from the direction of the checkpoint of the Ukrainian Armed Forces about 300m north of the disengagement area and stop north of the railway bridge about 900m south of the area's northern edge, reportedly to conduct an assessment of the road and railway bridge for future repairs. On the same day, it also saw two additional Ukrainian Armed Forces officers of the JCCC standing near the railway bridge.

On the same day, positioned at the checkpoint of the armed formations on the area's southern edge, the SMM saw a member of the armed formations place a round traffic sign reading "Stop" in the middle of the junction between road T-1316 and road T-0504. The SMM saw that civilian cars were allowed to circulate past the sign. The SMM also saw a truck with a crane load one of the [two blue containers](#) (with "JCCC" written on them in Russian) on the western side of road T-1316 (outside the disengagement area, about 20-30m south of the aforementioned checkpoint of the armed formations) and offload it outside the disengagement area, about 135m north of the area's southern edge and about 20-30m east of its eastern edge.

On 31 October, inside the disengagement area near Zolote, aerial imagery available to the SMM revealed the presence of a military truck assessed as belonging to the Ukrainian Armed Forces, about 50m south of the disengagement area's northern edge and about 1km east of road T-1316. On 30 October, an SMM mini-UAV spotted a military truck about 400m south of the disengagement area's northern edge and about 580m east of road T-1316, and a military truck near the railway bridge, both assessed as belonging to the Ukrainian Armed Forces.

On 31 October, outside the disengagement area, an SMM long-range UAV spotted two infantry fighting vehicles (IFVs) (BMP-1), about 150m east of the checkpoint of the Ukrainian Armed Forces and about 300m north of the disengagement area's northern edge.

On 30 October, outside the disengagement area, an SMM mini-UAV spotted two IFVs (BMP-1) (also spotted by a long-range UAV on 31 October) and two Ukrainian Armed Forces personnel at the checkpoint of the Ukrainian Armed Forces about 300m north of the disengagement area's northern edge. On the same day, an SMM long-range UAV spotted an IFV (BMP-2), two armoured combat vehicles (ACV) and three heavy utility trucks in the vicinity of the same checkpoint.

Disengagement areas near Stanytsia Luhanska and Petrivske

On 1 November, inside the **disengagement area near Stanytsia Luhanska**, at the broken section of the bridge, the SMM saw up to 15 workers from government-controlled areas with equipment and vehicles welding parts of pillars and preparing the foundation of a new pillar. On the western side of the broken section of the bridge, it saw a bulldozer and a crane clearing debris and loading dirt and chunks of concrete on two trucks (which later departed the area).

Inside the disengagement area near Stanytsia Luhanska, the SMM saw 17 workers from non-government-controlled areas installing wires on metal poles near a shelter of an international humanitarian organization and laying asphalt at the parking lot south-east of the checkpoint of the armed formations. It also saw deminers from non-government-controlled areas clearing and burning vegetation on the eastern side of the checkpoint of the armed formations. Positioned about 250m north of the broken section of the bridge, the SMM heard a shot of small-arms fire at an assessed range of 500m-1km south, assessed as caused by the

detonation of ammunition in a bush fire. The SMM also saw six members of the armed formations (wearing armbands with “JCCC” written on them) between the broken section of the bridge and the checkpoint of the armed formations.

Outside the disengagement area near Stanytsia Luhanska, on 31 October, an SMM mini-UAV spotted an anti-aircraft gun (ZU-23, 23mm) near the Prince Ihor monument, about 100m south-east of the disengagement area’s south-eastern edge.

On the evening of 31 October, positioned on the eastern edge of Stanytsia Luhanska, the SMM heard two undetermined explosions at an assessed range of 4-6km west-south-west, assessed as outside the disengagement area but within its 5km periphery.

On 1 November, the SMM was unable to access its camera in Stanytsia Luhanska (about 350m north-north-east of the disengagement area’s northern edge) due to the presence of a barbed wire placed around the camera’s mast.*

On 31 October, outside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM mini-UAV spotted three people assessed as members of the armed formations and a [previously reported](#) recoilless rifle system (SPG-9, 73mm) in a military-type position about 90m north of the area’s northern edge and about 180m west of its eastern edge, and two members of the armed formations about 560m east of its north-eastern corner.

On 1 November, positioned north of Petrivske, the SMM heard an undetermined explosion at an assessed range of 4-6km north-north-west, assessed as outside the disengagement area but within its 5km periphery.

Withdrawal of weapons

The SMM continued to monitor the withdrawal of weapons in implementation of the Memorandum and the Package of Measures and its Addendum.

The Mission observed 12 weapons in violation of withdrawal lines on both sides of the contact line in Donetsk and Luhansk regions, including some within residential areas (for further details, see the tables below).

Indications of military and military-type presence in the security zone⁶

The SMM observed military and military-type presence inside the security zone on both sides of the contact line in Donetsk and Luhansk regions, including an IFV and two probable ACVs within a residential area of Zolote-3/Stakhanovets (government-controlled, 61km west of Luhansk, for further details, see the table below).

Presence of anti-tank mines near Krasnohorivka, Staromykhailivka and Pyshevyk

On 30 October, an SMM mid-range UAV spotted for the first time 40 anti-tank mines and about 670 probable anti-tank mines, in fields respectively about 3.5km south-east and 2.5km-north-east of Krasnohorivka (government-controlled, 21km west of Donetsk), all assessed as

⁶ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

belonging to the Ukrainian Armed Forces (for previous observations in the area, see [SMM Daily Report 24 July 2019](#)). The UAV also spotted for the first time 15 probable anti-tank mines on the western edge of Staromykhailivka (non-government-controlled, 15km west of Donetsk), and in fields about 2.5km north-east, spotted again at least 303 anti-tank mines (for previous observations in the area, see [SMM Daily Report 16 May 2019](#)), all assessed as belonging to the armed formations.

On 31 October, an SMM long-range UAV [again](#) spotted 780 (80 of which are TM-62) and 120 anti-tank mines (30 out of which are TM-62), in fields respectively about 800m south-east and 1.7km east of Pyshchevyk, all assessed as belonging to the Ukrainian Armed Forces.

Border areas not under government control

While at a border crossing point near Marynivka (78km east of Donetsk) for an hour, the SMM saw ten cars (three with Ukrainian and four with Russian Federation licence plates as well as three with “DPR” plates), two buses with “DPR” plates, one tanker truck with Russian Federation licence plates and a pedestrian (a man, aged 30-40) entering Ukraine. It also saw 22 cars (four with Ukrainian and 12 with Russian Federation licence plates as well as six with “DPR” plates) and a pedestrian (a man, aged 50) exiting Ukraine.

SMM facilitation of repairs to civilian infrastructure

The Mission continued to monitor adherence to the ceasefire to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and to monitor the security situation in the area of the pumping station Vasylivka (non-government-controlled, 20km north of Donetsk).

The SMM continued monitoring in Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Dnipro, Chernivtsi and Kyiv.

***Restrictions of the SMM’s freedom of movement or other impediments to fulfilment of its mandate**

The SMM’s monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines, unexploded ordnance and other impediments – which vary from day to day. The SMM’s mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM’s freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the JCCC should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine’s border outside control of the Government (for example, see [SMM Daily Report 26 October 2019](#)). The SMM’s operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission’s observations.

Denial of access:

- At a checkpoint west of Bezimenne (non-government-controlled, 100km south of Donetsk), three armed members of the armed formations [again](#) denied the SMM passage through it, citing “orders from superiors”.
- At a checkpoint west of Boikivske (formerly Telmanove, non-government-controlled, 67km south-east of Donetsk), three armed members of the armed formations denied the SMM passage west towards Staromarivka (62km south of Donetsk), citing “orders from superiors”.
- The SMM was unable to access its camera in Stanytsia Luhanska (government-controlled, 16km north-east of Luhansk) due to the presence of a barbed wire around the camera’s mast.

Regular restrictions related to disengagement areas and mines/UXO:

- The sides continued to deny the SMM full access, as well as the ability to travel certain roads previously identified as important for effective monitoring by the Mission and for civilians’ movement, through failure to conduct comprehensive clearance of mines, UXO and other obstacles.

Delay:

- At a checkpoint west of Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), three armed members of the armed formations, [again](#) allowed the SMM to proceed only after 39 minutes of waiting.

Other impediments:

- On the night between 31 October and 1 November, an SMM long-range UAV experienced dual signal interference, assessed as caused by jamming, while flying over areas between Kremynets (non-government-controlled, 16km south-west of Donetsk) and Lastochkyne (government-controlled, 19km north-west of Donetsk). The same UAV also experienced signal interference, assessed as due to probable jamming, while flying over areas near Stepanivka (government-controlled, 54km north of Donetsk).⁷
- An SMM mid-range UAV experienced signal interference, assessed as caused by probable jamming, while flying over areas between Lebedynske (government-controlled, 99km south of Donetsk) and Pikuzy (formerly Kominternove, non-government-controlled, 92km south of Donetsk).
- An SMM mini-UAV experienced signal interference, assessed as caused by probable jamming, near Roza (non-government-controlled, 89km south of Donetsk).

⁷ The interference could have originated from anywhere within a radius of kilometres from the UAVs’ positions.

Table of weapons

Weapons in violation of the withdrawal lines

Date	No.	Type	Location	Source of observation
Government-controlled areas				
30/10/2019	2	Towed howitzer or anti-tank gun (type undetermined)	Near Ozarianivka (formerly Pershe Travnja, 52km north of Donetsk) (for previous observations in the area, see SMM Daily Report 21 October 2019)	Long-range UAV
	1	Surface-to-air missile system (9K33 <i>Osa</i>)	On the north-western edge of Ozarianivka (for previous observations in the area, see SMM Daily Report 22 April 2019)	
	1	Surface-to-air missile system (9K33 <i>Osa</i>)	On the southern edge of Bobrove (56km north-west of Luhansk), near residential buildings	
	1	Surface-to-air missile system (9K33 <i>Osa</i>)	In a compound in Raihorodka (34km north-west of Luhansk)	
	1	Towed howitzer (type undetermined)	Near Vidrodzhennia (66km north-east of Donetsk) (for previous observations in the area, see SMM Daily Report 31 October 2019)	
	2	Surface-to-air missile system (9K33 <i>Osa</i>)	Near Zaitseve (62km north-east of Donetsk)	
	1	Towed howitzer (2A65 <i>Msta-B</i> , 152mm)	Near Andriivka (57km north of Donetsk)	
	1	Surface-to-air missile system (9K33 <i>Osa</i>)	In Kodema (57km north-east of Donetsk), near residential buildings	Patrol
Non-government-controlled areas				
30/10/2019	2	Probable mortar (82mm)	Near Staromykhailivka (15km west of Donetsk)	Mid-range UAV

Table of indications of military and military-type presence in the security zone⁸

Date	No.	Type	Location	Source of observation
Government-controlled areas				
30/10/2019	1	Armoured combat vehicle (probable MT-LB)	Near Krasnohorivka (21km west of Donetsk)	Mid-range UAV
	3	Armoured combat vehicle (probable BMP variant)	Near Novotoshkivske (53km west of Luhansk)	Long-range UAV
	3	Infantry fighting vehicle (BMP variant)	Near Prychepylivka (50km north-west of Luhansk)	
	3	Armoured combat vehicle		
	1	Aircraft communications automatic jamming station (R-934B)		

⁸ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

	2	Armoured personnel carrier (BTR variant)	On the northern edge of Muratove (51km north-west of Luhansk)		
	1	Armoured combat vehicle	On the south-eastern edge of Trokhizbenka (32km north-west of Luhansk)		
	1	Armoured personnel carrier (BTR variant)	In a residential area of Raihorodka (34km north-west of Luhansk)		
	6	Armoured personnel carrier (BTR variant)	In Peredilske (24km north-west of Luhansk)		
	1	Anti-aircraft gun (ZU-23, 23mm)			
	1	Armoured combat vehicle	Near Lobacheve (17km north-west of Luhansk)		
	5	Armoured combat vehicle	On southern edge of Novozvanivka (70km west of Luhansk)		
	1	Anti-aircraft gun (ZU-23, 23mm)	Near of Bila Hora (54km north of Donetsk)		
	2	Armoured combat vehicle			
	3	Armoured reconnaissance vehicle (BRDM-2)			
1	Armoured personnel carrier (BTR-3E)	On the north-eastern edge of Zaitseve (62km north-east of Donetsk)			
31/10/2019	1	Infantry fighting vehicle (BMP-2)	In a residential area in Zolote-3/Stakhanovets (61km west of Luhansk)		
	2	Probable armoured combat vehicle			
	1	Armoured personnel carrier (BTR variant)	Near Myronivskiyi (62km north-east of Donetsk)		
	1	Armoured personnel carrier (MT-LB)			
	2	Infantry fighting vehicle (BMP-1)	Near Starohnativka (51km south of Donetsk)		
	2	Infantry fighting vehicle (BMP-1)	Near Novoselivka Druha (69km south of Donetsk)		
	1	Armoured combat vehicle			
	4	Armoured personnel carrier (BTR-80)	In Pyshevyk (84km south of Donetsk)		Mid-range UAV
	3	Armoured combat vehicle	Near Chernenko (86km south of Donetsk)		Mini UAV
1/11/2019	1	Armoured personnel carrier (MT-LB) with a mounted anti-aircraft gun (ZU-23-2, 23 mm)	In Nyzhnoteple (26km north of Luhansk)	Patrol	
	2	Armoured personnel carrier (BTR variant)	Near Hnutove (90km south of Donetsk)		
Non-government-controlled areas					
	6	Armoured combat vehicle	Near Dovhe (22km north-west of Luhansk)	Long-range UAV	

31/10/2019	2	Probable armoured personnel carrier (BTR variant)	In Bezimenne (100km south of Donetsk)	
	1	Probable infantry fighting vehicle (BMP-1)		
	13	Infantry fighting vehicle (BMP-1)	Near Svobodne (73km south of Donetsk)	
	1	Infantry fighting vehicle (BMP-1)	Near Petrivske (41km south of Donetsk)	
	4	Probable armoured combat vehicle		
1/11/2019		The SMM saw that a checkpoint of the armed formations was no longer present	In Lukove (72km south of Donetsk) (for previous observations in the area, see SMM Daily Report 2 September 2019)	Patrol

Table of ceasefire violations as of 1 November 2019⁹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	4-6km SSE	Recorded	2	Projectile	W to E	N/K	31-Oct, 19:26
	4-6km SSE	Recorded	8	Projectile	W to E	N/K	31-Oct, 19:28
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	1-3km SSW	Recorded	1	Projectile	E to W	N/K	1-Nov, 02:36
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km E	Recorded	1	Explosion	Undetermined	N/K	31-Oct, 19:06
	3-5km E	Recorded	3	Projectile	In vertical flight	N/K	31-Oct, 19:07
	3-5km E	Recorded	5	Projectile	S to N	N/K	31-Oct, 19:07
	3-5km E	Recorded	7	Projectile	S to N	N/K	31-Oct, 19:08
	3-5km E	Recorded	5	Projectile	SW to NE	N/K	31-Oct, 19:09
	3-5km E	Recorded	2	Projectile	W to E	N/K	31-Oct, 19:10
	3-5km E	Recorded	9	Projectile	S to N	N/K	31-Oct, 19:11
	3-5km E	Recorded	1	Projectile	N to S	N/K	31-Oct, 19:11
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	31-Oct, 19:11
	2-4km E	Recorded	5	Projectile	SW to NE	N/K	31-Oct, 19:26
	3-5km E	Recorded	1	Explosion	Undetermined	N/K	31-Oct, 19:40
	3-5km E	Recorded	1	Burst	In vertical flight	N/K	31-Oct, 19:41
	1-3km ENE	Recorded	3	Projectile	S to N	N/K	1-Nov, 01:03
	1-3km ENE	Recorded	6	Projectile	W to E (also recorded by SMM camera in Pyshchevyk)	N/K	1-Nov, 01:30
	1-3km E	Recorded	2	Projectile	NW to SE	N/K	1-Nov, 01:46
	3-5km ENE	Recorded	4	Projectile	S to N	N/K	1-Nov, 16:59
	3-5km ENE	Recorded	8	Projectile	S to N (also recorded by SMM camera in Pyshchevyk)	N/K	1-Nov, 17:01
	3-5km ENE	Recorded	3	Explosion	Undetermined	N/K	1-Nov, 17:01
	3-5km ENE	Recorded	2	Projectile	S to N	N/K	1-Nov, 17:02

⁹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

	3-5km ENE	Recorded	1	Projectile	S to N	N/K	1-Nov, 17:04
	3-5km E	Recorded	1	Projectile	S to N	N/K	1-Nov, 17:07
	3-5km E	Recorded	6	Projectile	S to N (also recorded by SMM camera in Pyshchevyk)	N/K	1-Nov, 17:08
	3-5km E	Recorded	3	Projectile	S to N	N/K	1-Nov, 17:09
	3-5km E	Recorded	1	Projectile	S to N	N/K	1-Nov, 17:10
	3-5km E	Recorded	1	Projectile	S to N	N/K	1-Nov, 17:12
	3-5km E	Recorded	2	Projectile	S to N	N/K	1-Nov, 17:13
	3-5km E	Recorded	4	Projectile	S to N	N/K	1-Nov, 17:15
	3-5km ENE	Recorded	9	Projectile	S to N	N/K	1-Nov, 17:16
	3-5km E	Recorded	4	Projectile	S to N	N/K	1-Nov, 17:17
	3-5km E	Recorded	12	Projectile	S to N (also recorded by SMM camera in Pyshchevyk)	N/K	1-Nov, 17:18
	3-5km E	Recorded	7	Projectile	S to N (also recorded by SMM camera in Pyshchevyk)	N/K	1-Nov, 17:19
	3-5km E	Recorded	3	Projectile	S to N (also recorded by SMM camera in Pyshchevyk)	N/K	1-Nov, 17:20
	3-5km E	Recorded	6	Projectile	S to N	N/K	1-Nov, 17:24
SMM camera in Krasnohorivka (government-controlled, 21km W of Donetsk)	3-5km SSE	Recorded	1	Projectile	WSW to ENE	N/K	31-Oct, 20:58
SMM camera at entry-exit checkpoint in Pyshchevyk (government-controlled, 84km S of Donetsk)	2-4km S	Recorded	2	Explosion	Also recorded by SMM camera in Hnutove camera	N/K	31-Oct, 19:06
	2-4km S	Recorded	5	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 19:07
	2-4km S	Recorded	1	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 19:08
	2-4km SSE	Recorded	2	Projectile	E to W	N/K	31-Oct, 19:08
	2-4km S	Recorded	3	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 19:09
	2-4km S	Recorded	2	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 19:10

2-4km S	Recorded	9	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 19:11
2-4km S	Recorded	2	Projectile	E to W (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 19:11
2-4km S	Recorded	2	Explosion	Undetermined	N/K	31-Oct, 19:11
2-4km S	Recorded	3	Projectile	W to E	N/K	31-Oct, 19:12
2-4km S	Recorded	6	Projectile	W to E	N/K	31-Oct, 19:13
2-4km S	Recorded	3	Projectile	E to W	N/K	31-Oct, 19:13
2-4km S	Recorded	4	Projectile	W to E	N/K	31-Oct, 19:14
2-4km S	Recorded	10	Projectile	W to E	N/K	31-Oct, 19:15
2-4km S	Recorded	2	Projectile	W to E	N/K	31-Oct, 19:18
2-4km S	Recorded	2	Projectile	W to E	N/K	31-Oct, 19:20
2-4km S	Recorded	3	Projectile	W to E	N/K	31-Oct, 19:26
2-4km S	Recorded	2	Projectile	W to E	N/K	31-Oct, 19:28
4-6km S	Recorded	1	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 19:31
3-5km S	Recorded	1	Explosion	Undetermined	N/K	31-Oct, 19:32
4-6km S	Recorded	1	Illumination flare	In vertical flight (also recorded by SMM cameras in Hnutove and Chermalyk)	N/K	31-Oct, 19:36
4-6km S	Recorded	3	Projectile	NE to SW	N/K	31-Oct, 19:41
2-4km S	Recorded	2	Projectile	In vertical flight	N/K	31-Oct, 20:06
2-4km S	Recorded	1	Projectile	NE to SW (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 20:18
2-4km S	Recorded	2	Projectile	NE to SW (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 20:19
2-4km S	Recorded	3	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 20:19
2-4km S	Recorded	1	Projectile	N to S (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 20:19
2-4km S	Recorded	14	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 20:23

2-4km S	Recorded	1	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 20:24
2-4km S	Recorded	5	Projectile	NE to SW also recorded by SMM camera in Hnutove)	N/K	31-Oct, 21:28
2-4km S	Recorded	10	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 22:19
2-4km S	Recorded	4	Projectile	W to E	N/K	31-Oct, 22:20
2-4km S	Recorded	3	Projectile	W to E	N/K	31-Oct, 22:21
2-4km S	Recorded	10	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 23:18
2-4km S	Recorded	3	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 23:36
2-4km S	Recorded	3	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 23:47
2-4km S	Recorded	4	Projectile	NE to SW	N/K	31-Oct, 23:48
2-4km S	Recorded	1	Projectile	NE to SW	N/K	31-Oct, 23:50
2-4km S	Recorded	3	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 23:50
2-4km S	Recorded	8	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 23:53
2-4km S	Recorded	2	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	31-Oct, 23:56
2-4km S	Recorded	2	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	1-Nov, 00:18
2-4km S	Recorded	7	Projectile	WSW to ENE	N/K	1-Nov, 00:30
3-5km S	Recorded	1	Explosion	Undetermined	N/K	1-Nov, 00:30
2-4km S	Recorded	1	Projectile	W to E	N/K	1-Nov, 00:58
3-5km S	Recorded	1	Projectile	W to E	N/K	1-Nov, 01:03
3-5km S	Recorded	1	Projectile	W to E	N/K	1-Nov, 01:09
3-5km S	Recorded	1	Projectile	SW to NE	N/K	1-Nov, 01:10
3-5km S	Recorded	1	Projectile	W to E	N/K	1-Nov, 01:15
2-4km S	Recorded	4	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	1-Nov, 01:20

	2-4km S	Recorded	3	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	1-Nov, 01:23
	2-4km S	Recorded	2	Projectile	WSW to ENE (also recorded by SMM camera in Hnutove)	N/K	1-Nov, 01:30
	3-5km S	Recorded	1	Projectile	W to E (in vertical flight)	N/K	1-Nov, 01:37
	2-4km S	Recorded	1	Muzzle flash		N/K	1-Nov, 01:42
	3-5km S	Recorded	5	Projectile	E to W	N/K	1-Nov, 01:46
	2-4km S	Recorded	1	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	1-Nov, 02:00
	2-4km S	Recorded	1	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	1-Nov, 02:01
	2-4km S	Recorded	2	Projectile	NW to SE (in vertical flight, also recorded by SMM camera in Hnutove)	N/K	1-Nov, 02:24
	3-5km S	Recorded	3	Projectile	W to E	N/K	1-Nov, 02:43
	3-5km S	Recorded	2	Projectile	W to E	N/K	1-Nov, 02:57
	3-5km S	Recorded	13	Projectile	W to E	N/K	1-Nov, 02:58
	3-5km S	Recorded	3	Projectile	W to E	N/K	1-Nov, 03:00
	3-5km S	Recorded	6	Projectile	W to E	N/K	1-Nov, 03:19
	2-4km S	Recorded	2	Projectile	W to E (also recorded by SMM camera in Hnutove)	N/K	1-Nov, 04:01
	3-5km S	Recorded	15	Projectile	W to E	N/K	1-Nov, 17:37
	3-5km S	Recorded	4	Projectile	SSW to NNE	N/K	1-Nov, 17:58
	2-4km S	Recorded	1	Projectile	E to W	N/K	1-Nov, 18:14
	2-4km S	Recorded	1	Explosion	Impact	N/K	1-Nov, 18:14
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km W	Heard	1	Explosion	Undetermined	N/K	1-Nov, 10:46
W edge of Petrovskiyi (non-government-controlled, 15km SW of Donetsk city centre)	1-2km SW	Heard	2	Burst		Small arms	1-Nov, 11:15
About 1.5km WSW of Styła	3-4km NNE	Heard	1	Explosion	Undetermined	N/K	1-Nov, 11:08

(non-government-controlled, 34km S of Donetsk)	3-4km NNE	Heard	1	Explosion	Undetermined	N/K	1-Nov, 11:09
About 2km N of Petrivske (non-government-controlled, 41km S of Donetsk)	4-6km NNW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	1-Nov, 10:43
About 1.5km E of Avdiivka (government-controlled, 17km N of Donetsk)	2km E	Heard	22	Shot		Small arms	1-Nov, 10:00
	2km E	Heard	3	Burst		Small arms	1-Nov, 10:00
SE edge of Avdiivka (government-controlled, 17km N of Donetsk)	1-1.5km ESE	Heard	4	Burst		HMG	1-Nov, 08:55
	2km NNE	Heard	3	Burst		Small arms	1-Nov, 08:55
	1-1.5km SE	Heard	3	Burst		HMG	1-Nov, 09:25-09:30
	1-1.5km SE	Heard	3	Shot		AGL	1-Nov, 09:25-09:30
	1km SE	Heard	3	Burst		HMG	1-Nov, 09:42
	2km SE	Heard	4	Explosion	Undetermined	N/K	1-Nov, 09:42
	2-3km NE	Heard	2	Explosion	Undetermined	N/K	1-Nov, 11:55
Bohdanivka (government-controlled, 41km south-west of Donetsk)	5-6km NNW	Heard	1	Explosion	Undetermined	N/K	1-Nov, 09:58
About 1.5km S of Nova Marivka (non-government-controlled, 64km south of Donetsk)	5-7km NW	Heard and saw	47	Explosion	Impact	Artillery (type N/K)	1-Nov, 12:30-12:59
Starohnativka (government-controlled, 51km south of Donetsk)	2-3km ENE	Heard and saw	53	Explosion	Impact	N/K	1-Nov, 12:30-13:01
	2-3km ENE	Heard	14	Burst		HMG	1-Nov, 12:30-13:01
About 2km NE of Chernenko (government-controlled, 86km S of Donetsk)	2-4km SE	Heard	2	Explosion	Undetermined	N/K	1-Nov, 14:12
	2-4km NE	Heard and saw	1	Explosion	Impact	Artillery (type N/K)	1-Nov, 14:16
	2-4km SE	Heard	15	Burst		HMG	1-Nov, 14:21
	2-4km NE	Heard and saw	1	Explosion	Impact	N/K	1-Nov, 14:26
SW edge of Zalizne (government-controlled, 42km NE of Donetsk)	5-7km SSE	Heard	2	Explosion	Undetermined	N/K	1-Nov, 10:15

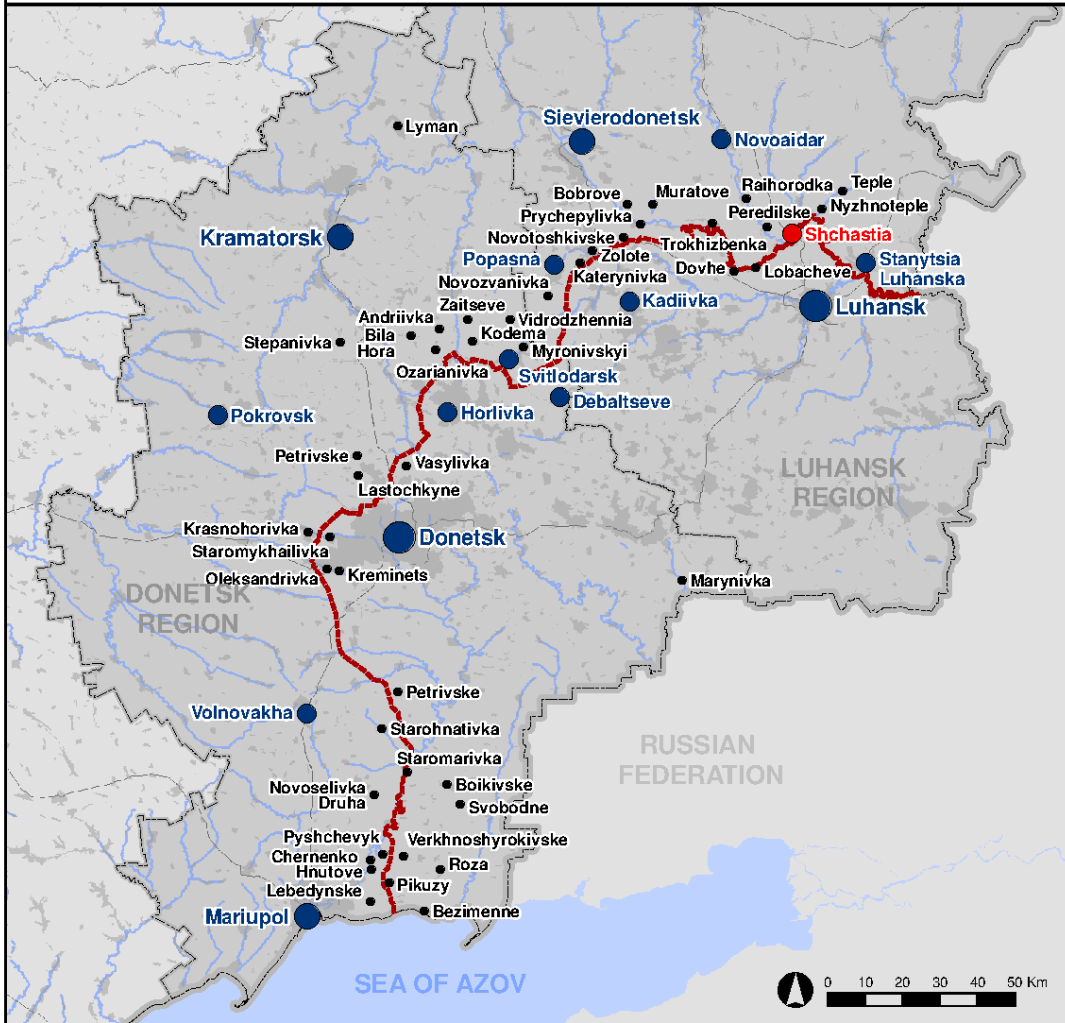
E edge of Stanytsia Luhanska (government-controlled, 16km NE of Luhansk)	4-6km WSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	31-Oct, 21:29
	4-6km WSW	Heard	1	Explosion	Undetermined (assessed as outside the disengagement area)	N/K	31-Oct, 21:40

Map of Donetsk and Luhansk regions¹⁰

¹⁰ The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).

Daily report noted settlements

02 November 2019



- Monitoring team / patrol hub
- Patrol hub
- Forward patrol base
- Staff temporarily relocated
- Noted settlement
- Estimated line of contact

Sources: administrative boundaries - OCHA; roads, rivers - OpenStreetMap; sea - VLIZ (2005), IHO sea areas; other - OSCE.

Coordinate system: WGS 1984 UTM Zone 37N

This map is provided for illustrative purposes only. Its content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM.

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